



(1) Publication number: 0 514 130 A3

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EUROPEAN PATENT APPLICATION

(21) Application number: 92304260.0

(51) Int. Cl.5: A61K 37/02

(22) Date of filing: 12.05.92

30) Priority: 13.05.91 US 699092

(43) Date of publication of application : 19.11.92 Bulletin 92/47

(84) Designated Contracting States : CH DE FR GB IT LI NL

88 Date of deferred publication of search report: 21.07.93 Bulletin 93/29

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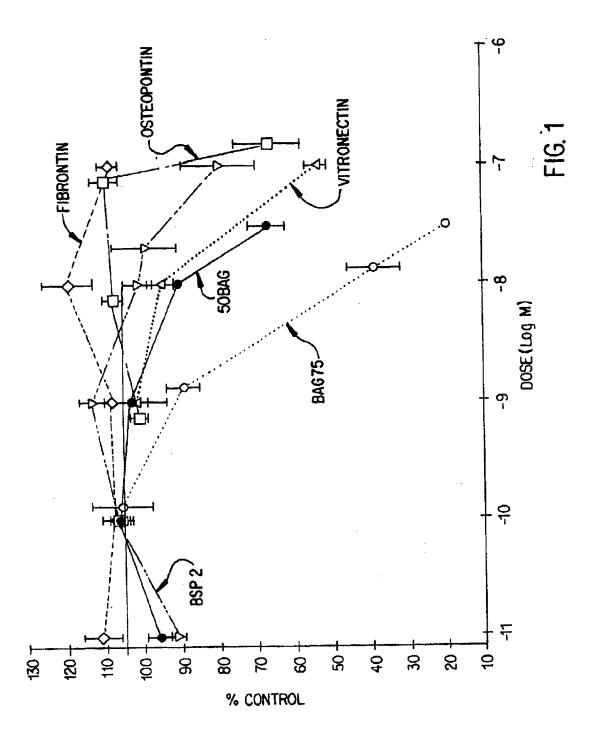
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- (54) Bone acidic glycoprotein (BAG-75) for inhibiting bone resorption.
- (57) Disclosed is a new method for treating bone disease in mammals, which is associated with increased bone resorption activity (dissolution or breakdown), and involves the new use and administration of known bone acidic glycoproteins 75 (BAG 75), having a molecular weight of 75kDa as determined by SDS-PAGE, or the 50kDa (SDS-PAGE) fragment thereof, wherein BAG 75 contains an N-terminal sequence of:

1 5 10 Leu-Pro-Val-Ala-Arg-Tyr-Gln-Asn-Thr-Glu-Glu-Glu-Glu,

(SEQ. ID NO. 1), (LPVARYQNTEEEE). The method is applicable and indicated for osteoporosis, Paget's disease, hyperparathyroidism, hypercalcemia of malignancy, osteopenia due to bone metastases, bone loss due to immobilization, sex hormone deficiency, glucocorticoid treatment, periodontal disease, and periarticular erosion in rheumatoid arthritis.





EUROPEAN SEARCH REPORT

Application Number

EP 92 30 4260

DOCUMENTS CONSIDERED TO BE RELEVANT			NT	
Category	Citation of document with it of relevant pa	ndication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CL5)
D,A	IS A MAJOR SYNTHETI OSTEOBLASTIC CELLS	990, BALTIMORE,USA ACIDIC GLYCOPROTEIN-75 C PRODUCT OF AND LOCALIZED AS 75- IN MINERALIZED PHASES PLATE AND IN SERUM'		A61K37/02
D,A	THE JOURNAL OF BIOL vol. 263, no. 31, 1 pages 15938 - 15945 GORSKI ET AL 'ISOLA PHOSPHORYLATED GLYC MINERALIZED PHASE OLIMITED HOMOLOGY TO OSTEOPONTIN' * the whole documen	988, BALTIMORE,USA TION OF NEW OPROTEIN FROM F BONE THAT EXHIBITS ADHESIVE PROTEIN	1-3	
				TECHNICAL FIELDS SEARCHED (Int. Cl.5)
				A61K C07K
	The present search report has b		1	
l .		Date of completion of the search O3 MAY 1993		SITCH W.D.C.
Y:pau do- A:tec O:no	CATEGORY OF CITED DOCUME rticularly relevant if taken alone rticularly relevant if combined with an cument of the same category shnological background n-written disclosure ermediate document	E : earlier paient after the filin other D : document cite L : document cite	ed in the applications of the second	blished on, or on